

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 01-191270  
(43)Date of publication of application : 01.08.1989

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(51)Int.Cl. G06F 15/62

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## (54) GRAPHIC EDITOR

### (57)Abstract:

PURPOSE: To attain a high speed response by retrieving graphic information by introducing a binary tree to a system for retrieving graphic information by defining a coordinate to be a key and editing and outputting.

CONSTITUTION: In order to retrieve the large quantity of the graphic information, the binary tree for enclosing the graphic information, holding a rectangle coordinate (the diagonal vertex of a rectangle, for instance, coordinates of lower left and upper right vertexes of the rectangle) circumscribing thereto and constituted of plural nodes (respectively corresponding to one graphic a piece of graphic information) having a priority applied respectively by defining the coordinate to be a reference is introduced to retrieve the graphic information based on this binary tree. At the time of retrieving, all the tree nodes are not searched but the retrieval according to the priority of the node is carried out. Thereby, the target graphic information can be made access at high speed.

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## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the  
examiner's decision of rejection or application  
converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of  
rejection]

[Date of requesting appeal against examiner's  
decision of rejection]

[Date of extinction of right]